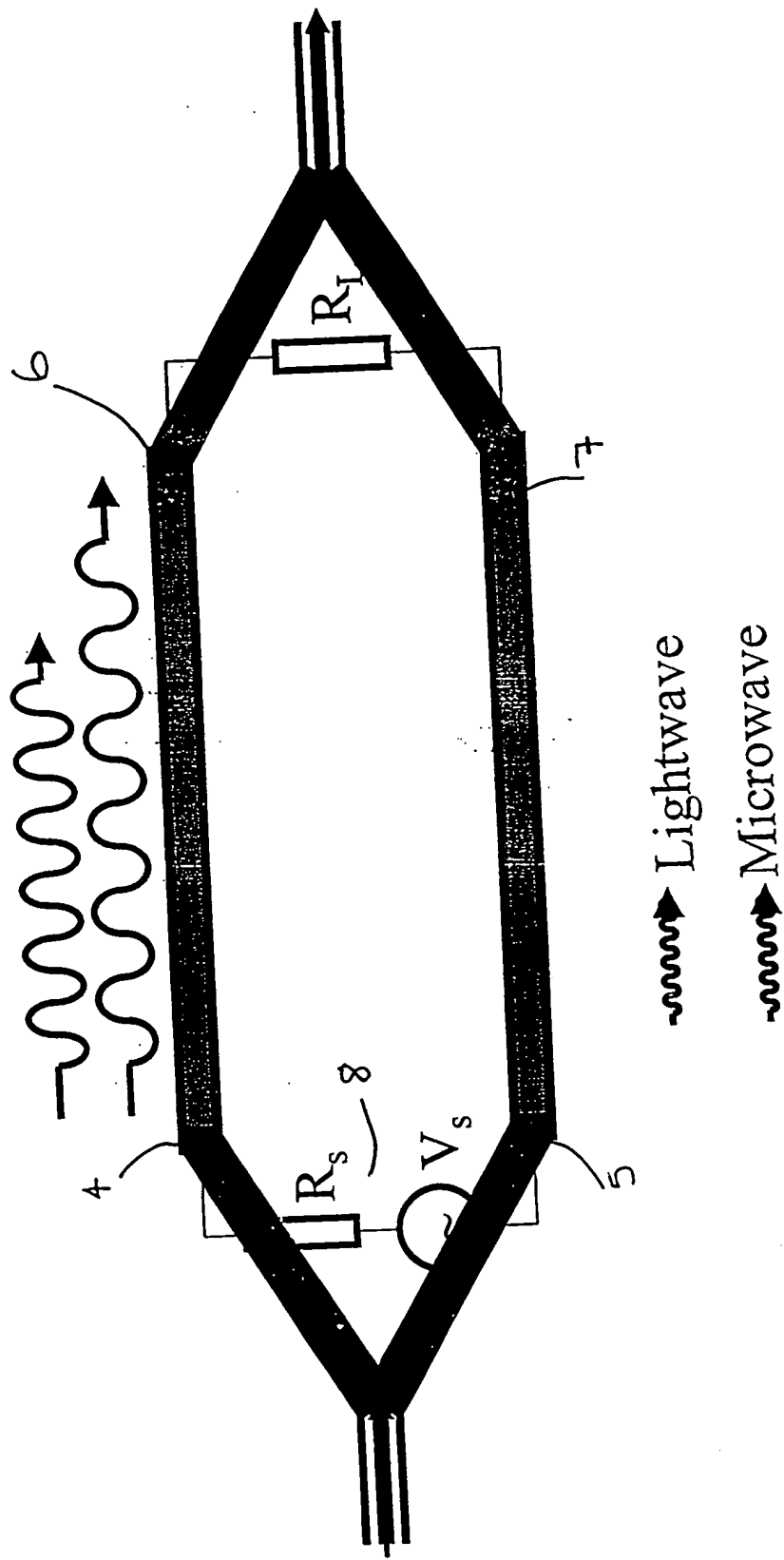
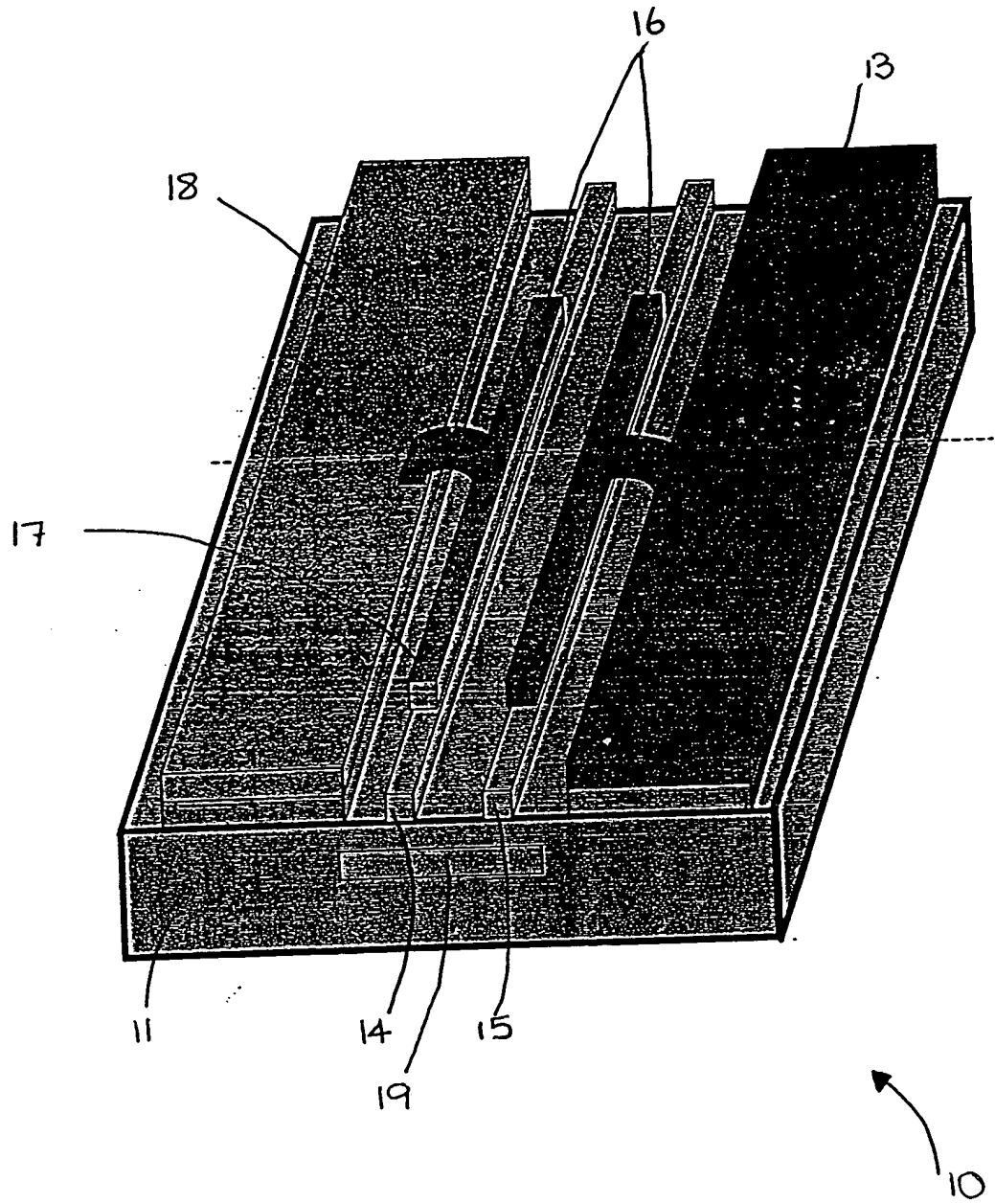
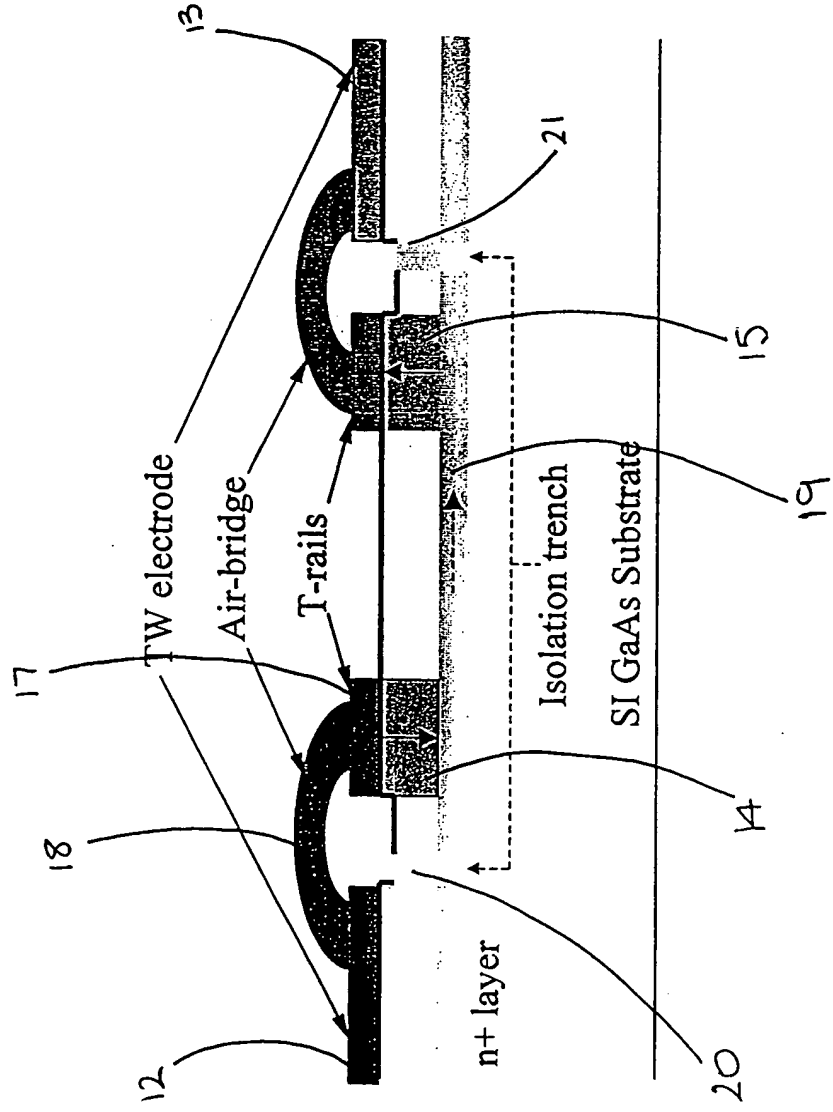


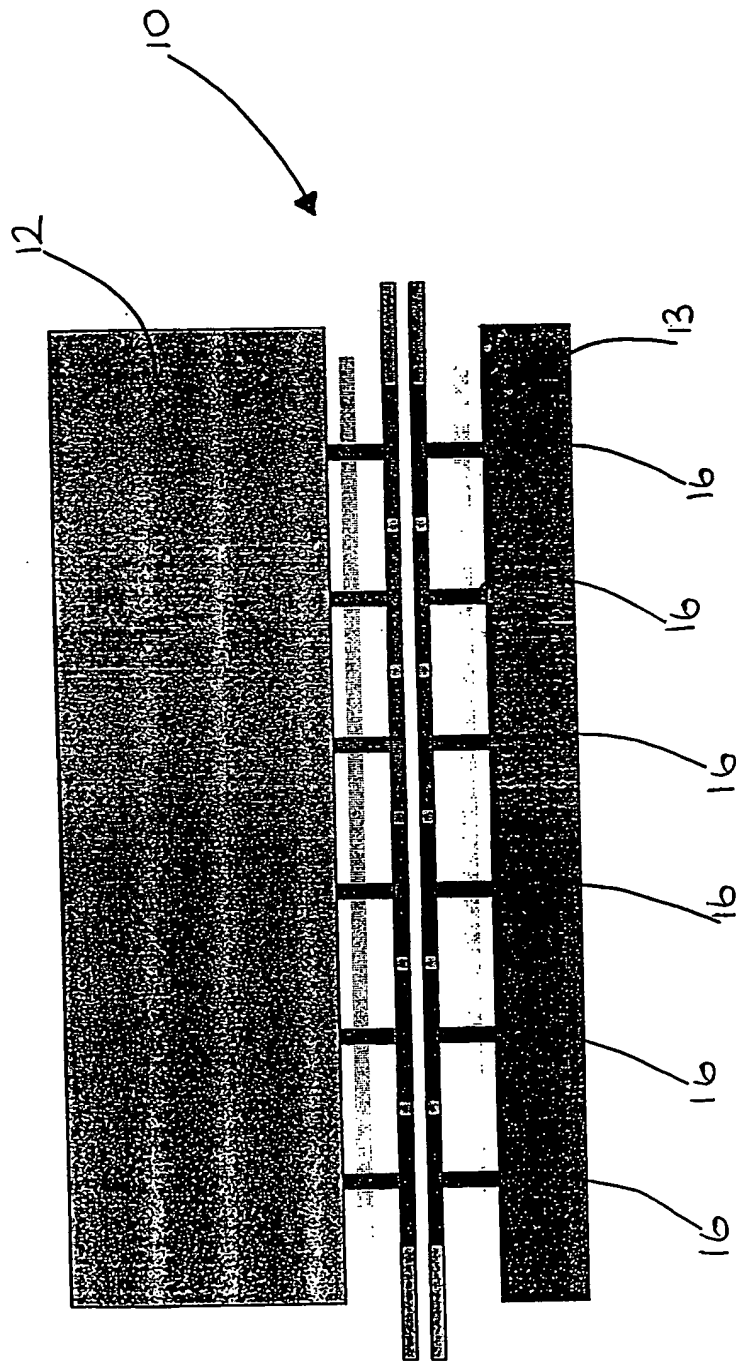
() The Y Branch could be replaced by any other kinds of 3 dB couplers, such as X junction, DC, MMIs



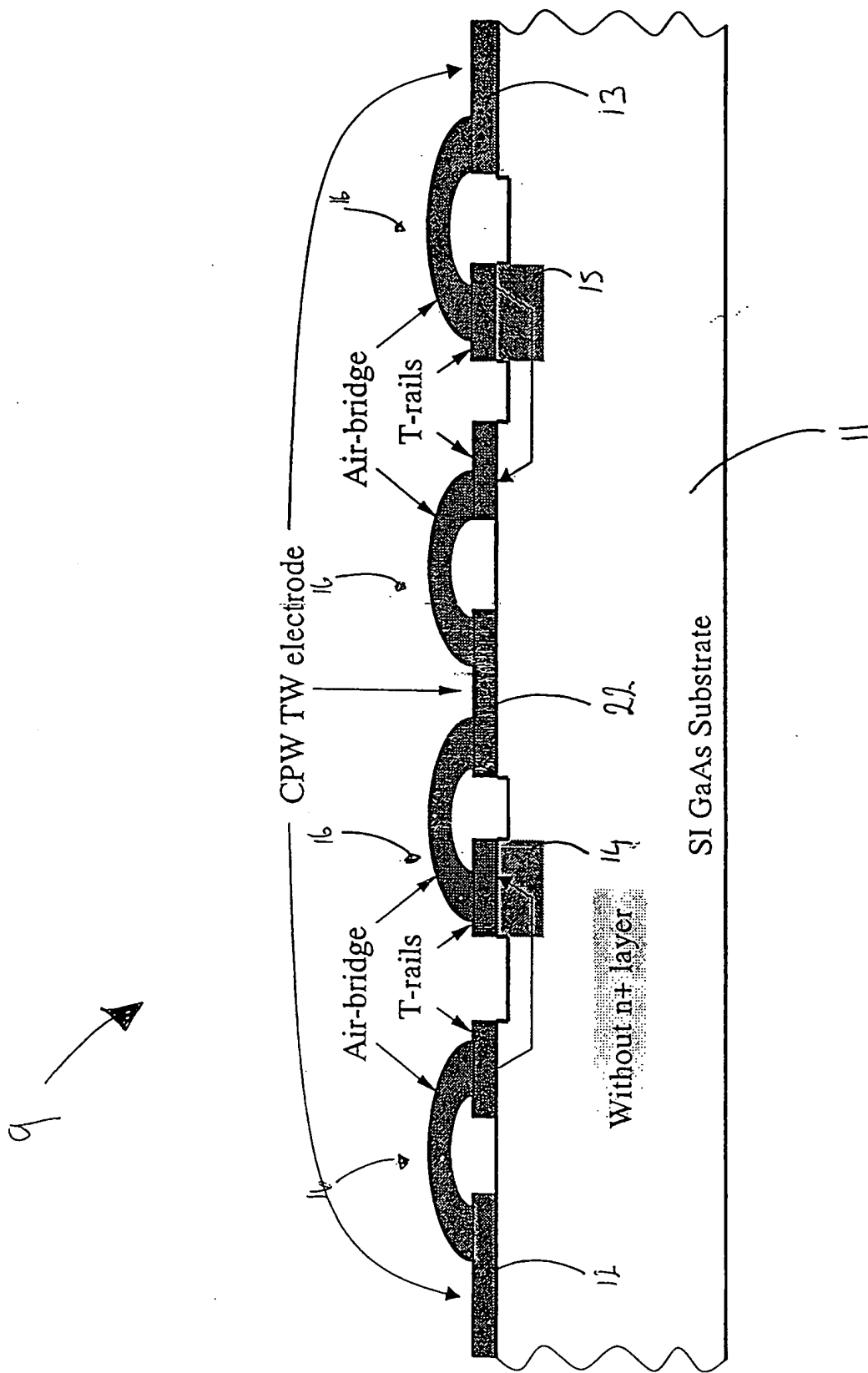




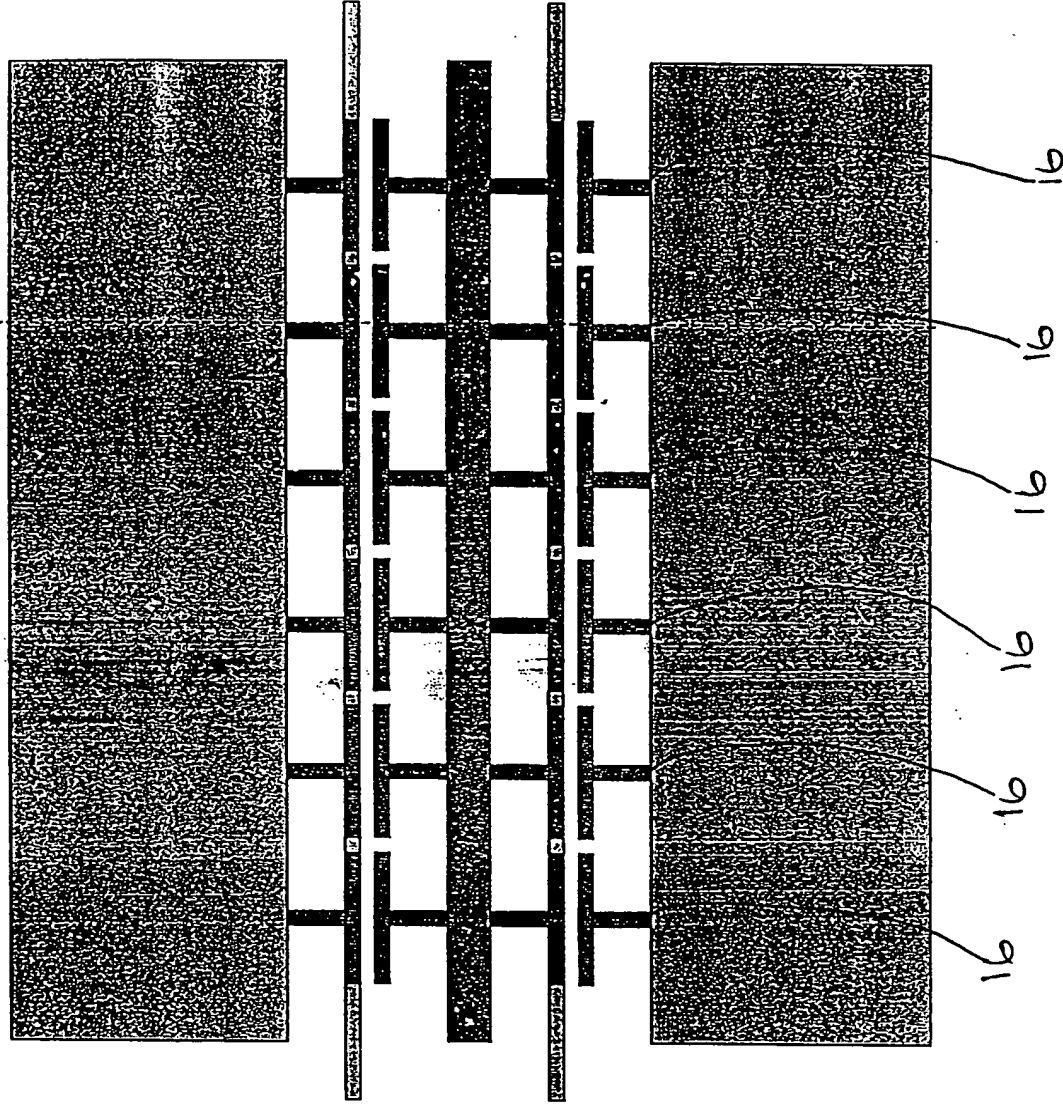
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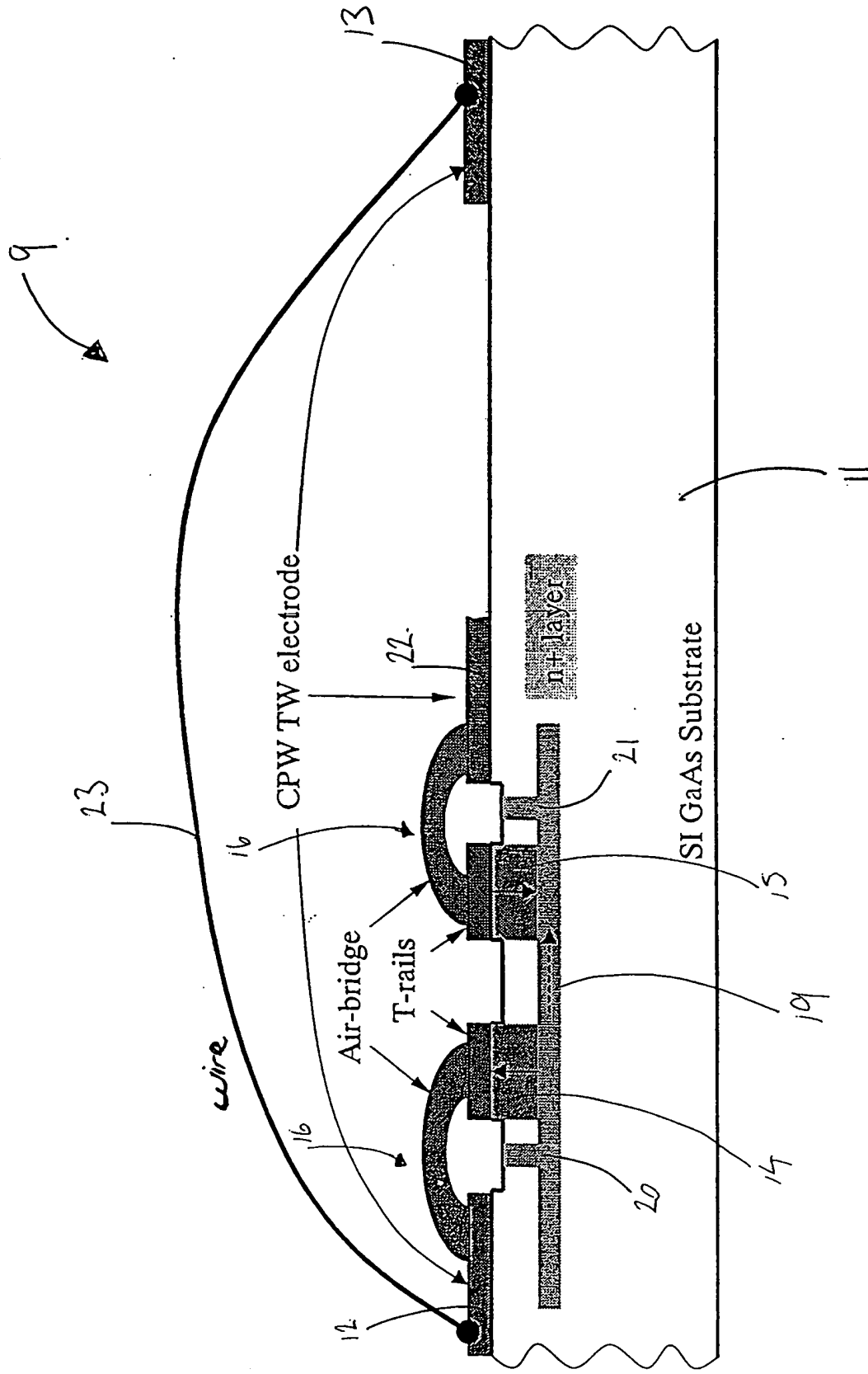


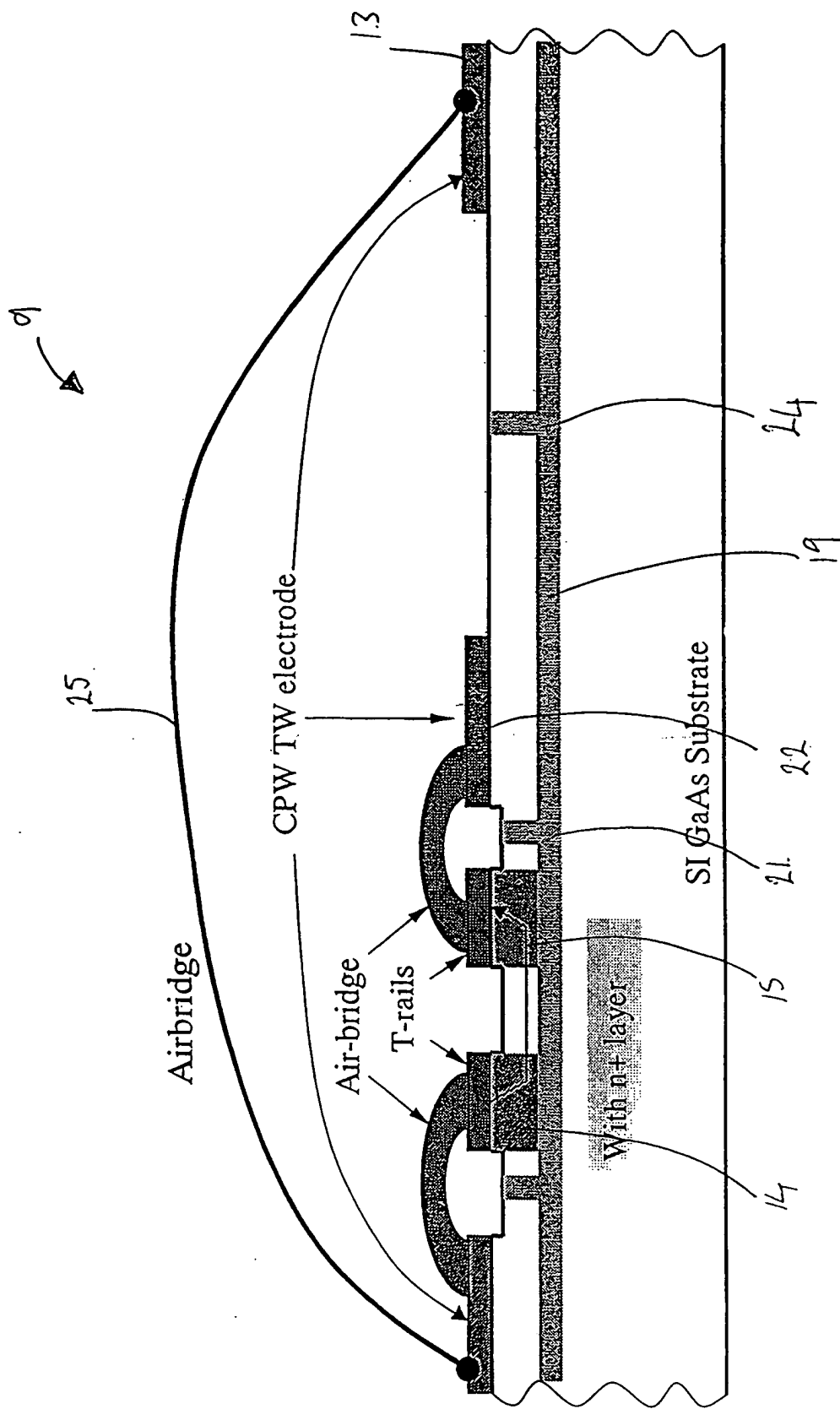
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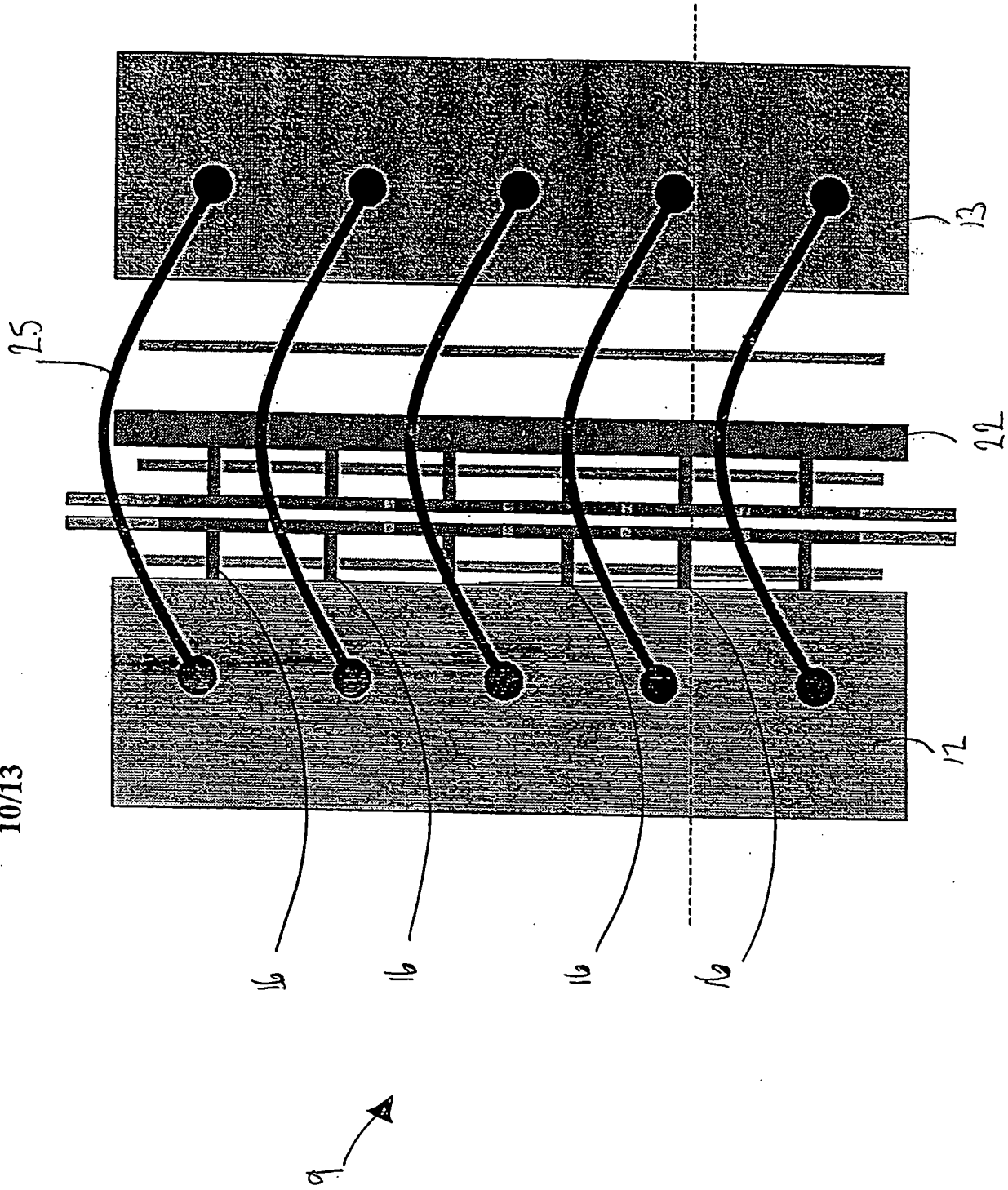


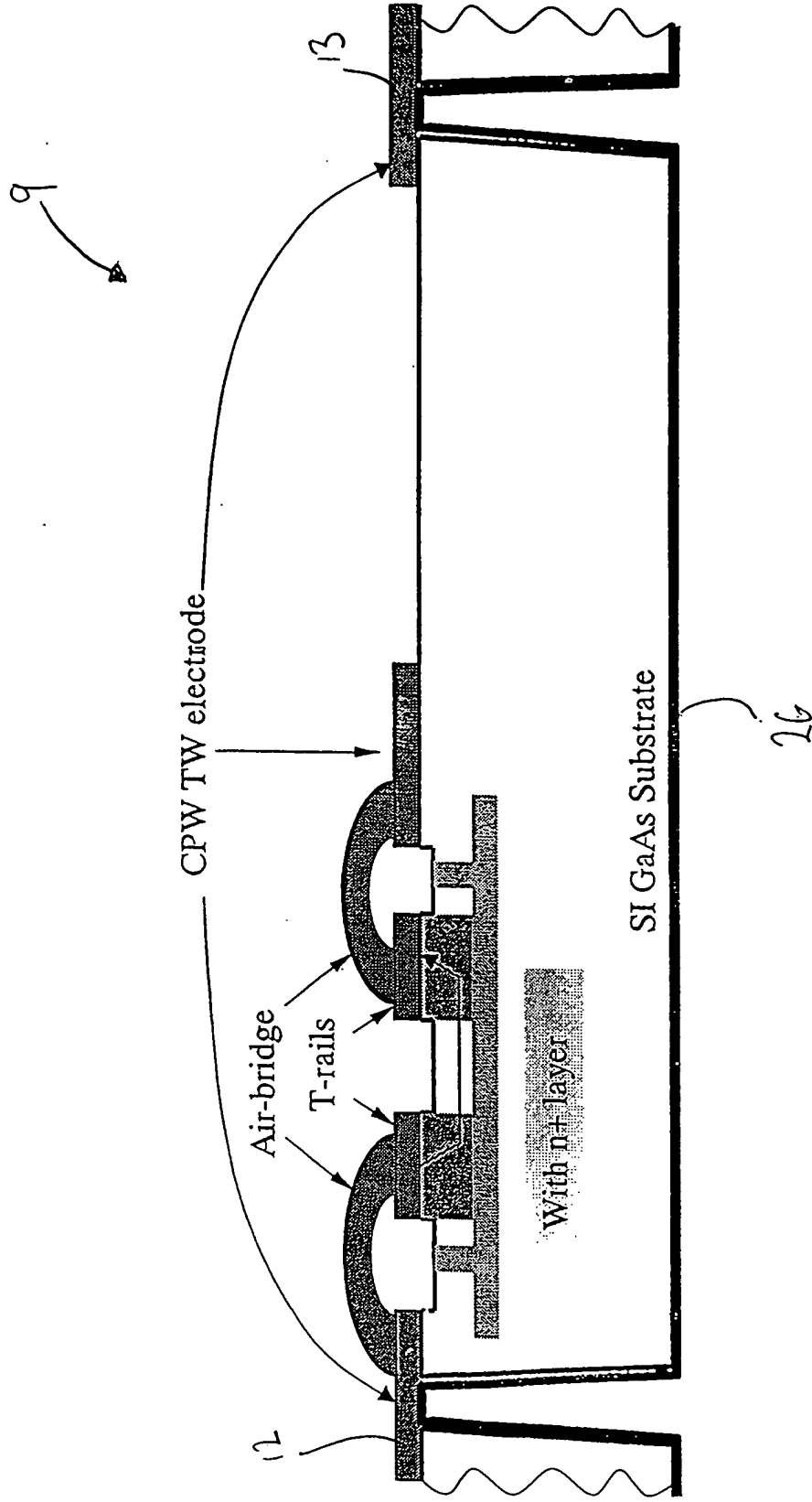
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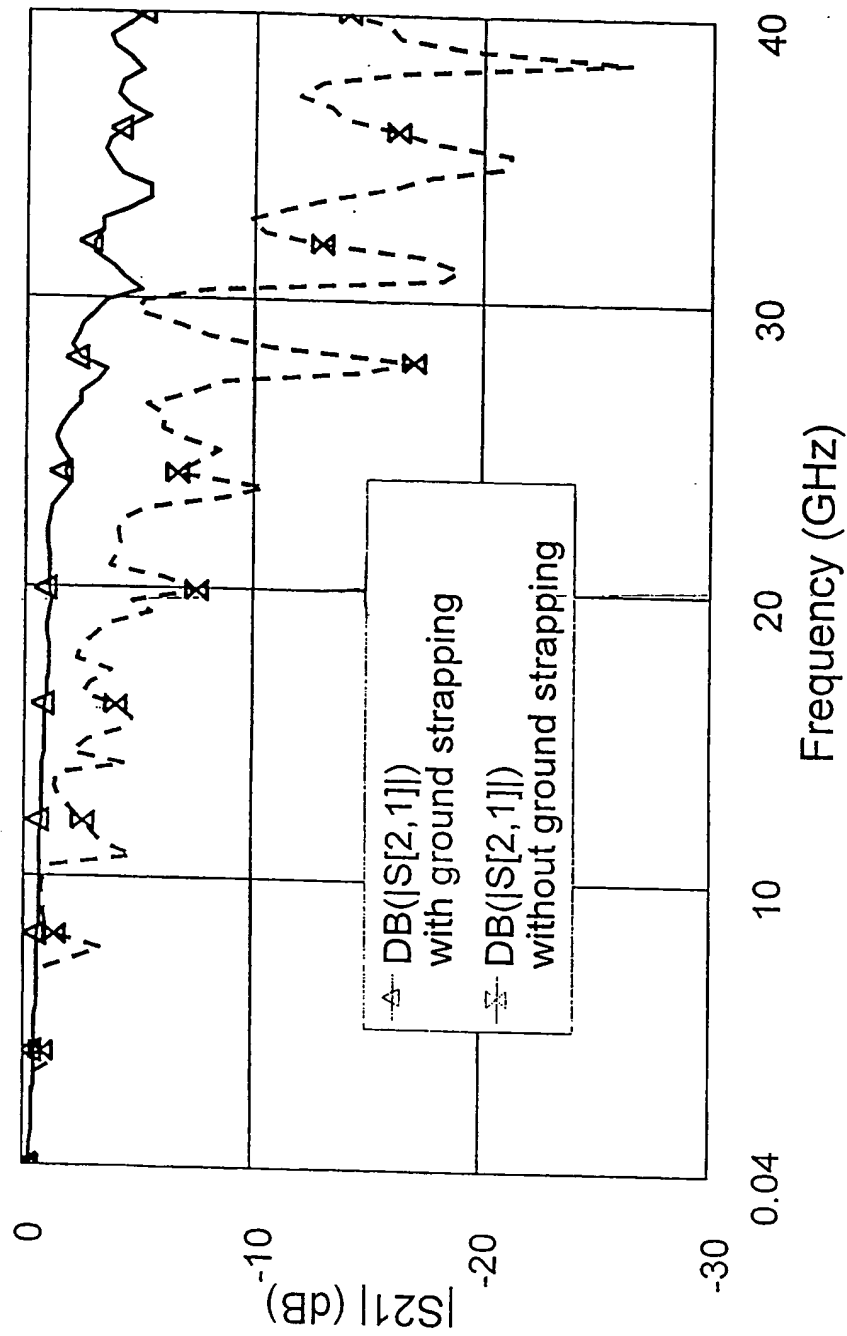








S-parameters of a CPW with and without ground strapping



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S parameters of a CPW with and without ground strapping

